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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/717,195	11/18/2003	Dwayne Need	MS 305613.01/60001.317US0	6241
7590 Robert A. Kalinsky Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903	01/09/2008		EXAMINER SALOMON, PHENUEL S	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 01/09/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/717,195	NEED ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Phenuel S. Salomon	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 04 November 2007.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-3, 6 and 11-13 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-3, 6 and 11-13 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

1. This action is in response to the amendment file on, November 04, 2007.
2. Claims 1 and 11 are amended, claims 4-5, 7-10 and 14-16 are cancelled and claims 1-3, 6, and 11-13 are pending.
3. The rejection of claims 11-12 and 14-15 under 35 U.S.C. §102 (b) as being anticipated by Donnelly et al. (US 5,892,512) has been withdrawn as pursuant to the applicant's amendments and claims cancellation.

### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
5. Claims 1-3, and 6 are rejected under 35 U.S.C. 103 (a) as being anticipated by Donnelly (US 5,892,512) in view of Nakajima et al. (US 6,008,806) and in further view of Abdelnur (US 6,429,882 B1).

Claim 1: Donnelly discloses a commanding system for a computer, comprising:

a memory storing a binding table (fig. 3a, accelerator table 270) that connects input to associated action, at least one binding entry in the binding table including a command binding (identifier) that identifies an input sequence from an input device that is received to be acted upon (col. 3, lines 59-67 and

col. 4, lines 1-11), a command (action object) that identifies an intent of the input sequence (col. 3, lines 59-67 and col. 4, lines 1-11), a command handler (fig. 3a, item 200) that is a pointer to a portion of code that is executed to implement the action that is to be performed based upon the input sequence (col. 9, lines 62-67 and col. 10, lines 1-9), and interface binding, but Donnelly does not explicitly disclose identifies a menu position on a menu.

However, Nakajima discloses a menu function that identifies menu items to a specified menu and location (col. 8, lines 66-67 and col. 9, lines 1-3). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the idea of identifying a menu position on a menu in Donnelly as evidenced by Nakajima. One would have been motivated to do so in order to group similar menu items or items that used in the same functional environment to a specific location on the menu bar, thus, easing up the task of the user while using different applications.

a processor in data communication with the memory, the processor programmed to:

query each binding entry in the binding (lookup) table (col. 13, lines 3-19);

receive the interface binding associated with the binding (col. 13, lines 3-19); and;

automatically build a menu based on the interface binding, wherein automatically building the menu comprises the processor being programmed to, upon subsequent generation of the menu (col. 10, lines 56-67 and col. 11, lines 1-7), [Donnelly's computer automatically executes the menu building action since there's no user input or action],

But Donnelly does not explicitly disclose:

include additional commanding information added to a control level without requiring changes to be made to an application.

However, Abdelnur discloses when the action bar, menu bar, or tool bar are modified, the code does not need to be modified and recompiled. Instead, the properties file is merely changed and the new user interface options are automatically bound using the procedure (col. 13, lines 4-14). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the idea of modifying the GUI without changes to be made to an application in Donnelly as evidenced by Abdelnur. One would have been motivated to do so in order to modify a GUI without having to change the underlying code and recompiling the computer code.

Claim 2: Donnelly, Nakajima and Abdelnur disclose a system as in claim 1 above, Donnelly further discloses the interface binding identifies an image (visual views) to be used on a toolbar (col. 7, lines 29-39).

Claim 3: Donnelly, Nakajima and Abdelnur disclose a system as in claim 2 above, Donnelly further discloses the processor is further programmed to build a toolbar based on the interface binding. (col. 6, lines 13-23).

Claim 6: Donnelly, Nakajima and Abdelnur disclose a system as in claim 1 above, Donnelly further discloses the memory includes a plurality of commanding elements with associated binding tables, and wherein the processor is programmed to traverse each binding entry in each of the binding tables of the

commanding elements to generate the command interface (col. 5, lines 34-43, 59-67 and col. 6, lines 3-12).

6. Claims 11-12 are rejected under 35 U.S.C. 103 (a) as being anticipated by Donnelly (US 5,892,512) in view of Marcos et al (US 6,262,729 B1).

Claim 11: Donnelly discloses a method for commanding a computer system, comprising:

receiving a request to dynamically create a commanding interface (col. 13, lines 3-19);

querying a binding table, the binding table including a plurality of binding entries, at least one binding entry of the plurality of bindings entries including a command binding (identifier), a command (action object), a handler (fig 3a, item 200), and an interface binding (col. 3, lines 59-67 and col. 4, lines 1-11);

querying a second binding table, the second binding table including a plurality of second binding entries, at least one second binding entry of the plurality of second binding entries including a second command binding, a second command, a second handler, and a second interface binding (col.13, lines 3-19) [Since Donnelly discloses more than one tables];

bubbling up through all tables of bindings associated with a given node to build the command interface (col. 13, lines 3-8) [traversing all the tables in order to build the command is inherent]; and

automatically building the commanding interface based on the interface binding provided for the binding entry (col. 13, lines 3-19) [a computer is considered to automatically build the commanding interface],

But does not explicitly disclose a single first binding table. However, Marcos discloses data can be retrieved from one or more tables in a database and used to dynamically generate web application (col. 4, lines 44-50). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate single first table in Donnelly. One would have been motivated to do so in order to group all the commanding information in one place and thus allowing greater consistency

Claim 12: Donnelly and Marcos disclose the method as in claim 11 above, Donnelly further discloses the step of building the commanding interface further comprises:

identifying an image button associated based on the interface binding (col. 7, lines 29-39); and creating a toolbar using the image button (fig. 5b).

7. Claim 13 is rejected under 35 U.S.C. 103 (a) as being anticipated by Donnelly (US 5,892,512) in view of Marcos et al (US 6,262,729 B1) in further view of Nakajima et al. (US 6,008,806).

Claim 13: Donnelly and Marcos disclose the method as in claim 11 below, but do not explicitly discloses the step of building the commanding interface further comprises:

identifying a menu position based on the interface binding; and

positioning a menu item in the menu position. However, Nakajima discloses a menu function that identifies menu items to a specified menu and location (col. 8, lines 66-67 and col. 9, lines 1-3). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate menu position in Donnelly. One would have been motivated to do so in order to

group similar menu items or items that used in the same functional environment to a specific location on the menu bar, thus, easing up the task of the user while using different applications.

***Response to Arguments***

8. Applicant's arguments filed on 11/04/2007 have been fully considered but they are not persuasive, but are moot in view of new ground(s) of rejection.

***Conclusion***

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.  
a. Johnson (US 6,246,405 B1) discloses method and apparatus for managing a plurality of objects on a graphical user interface.

b. Goodisman (US 6,330,006 B1) discloses method and apparatus for synchronizing an application's interface and data.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phenuel S. Salomon whose telephone number is (571) 270-1699. The examiner can normally be reached on Mon-Fri 7:00 A.M. to 4:00 P.M.(Alternate Friday Off) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3800.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PSS  
12/12/2007



Stephen Hong  
Supervisory Primary Examiner